

Flexible conduit

10Mask or
equivalent

Control unit

Pressure
lineAIR
FLOW
GENERATOR
12

NIPPV or CPAP

Chart recorder, CRO, etc

Pressure

MONITOR
DEVICE
24

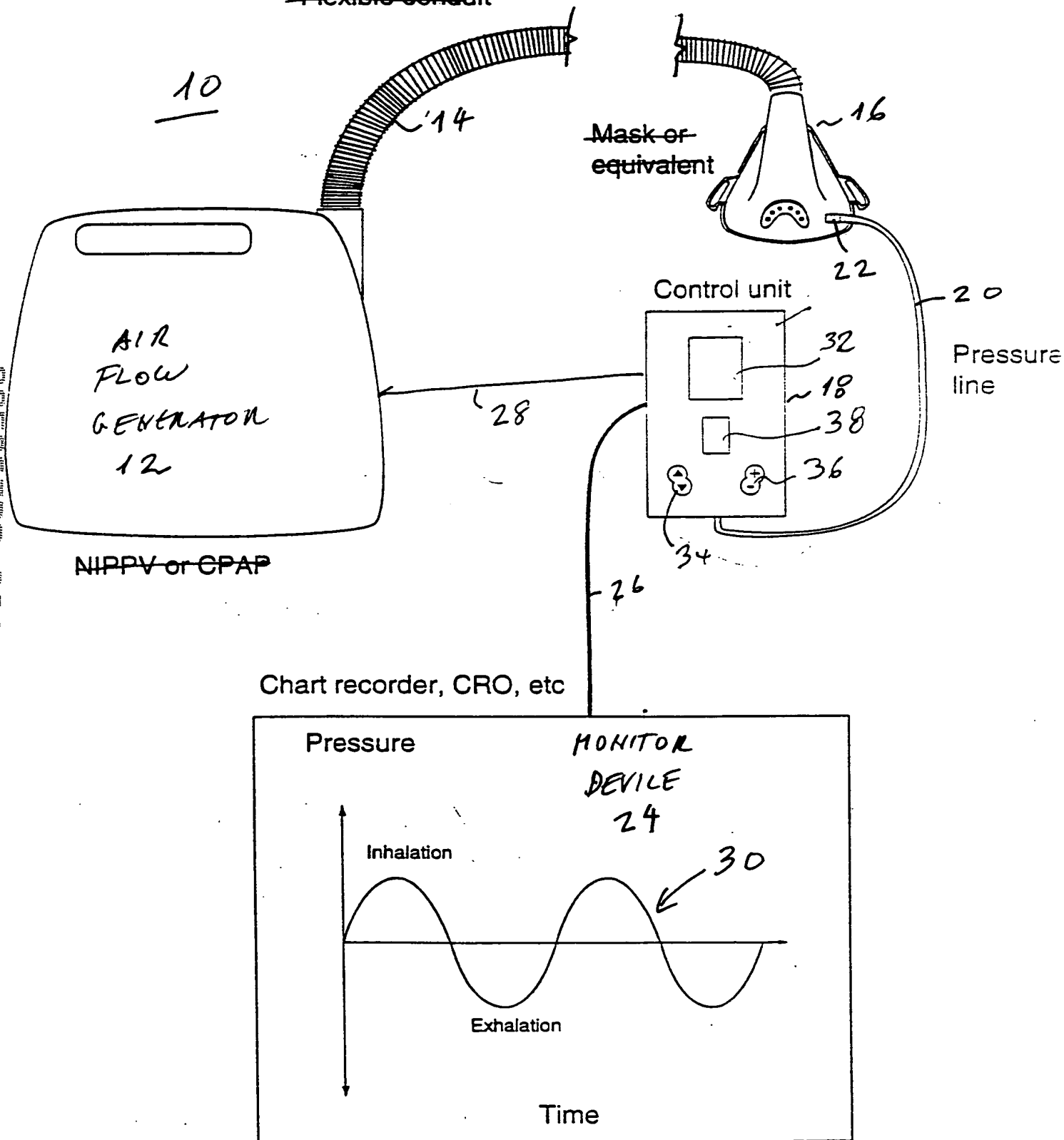
Inhalation

Exhalation

Time

Figure 1

095916730.061600



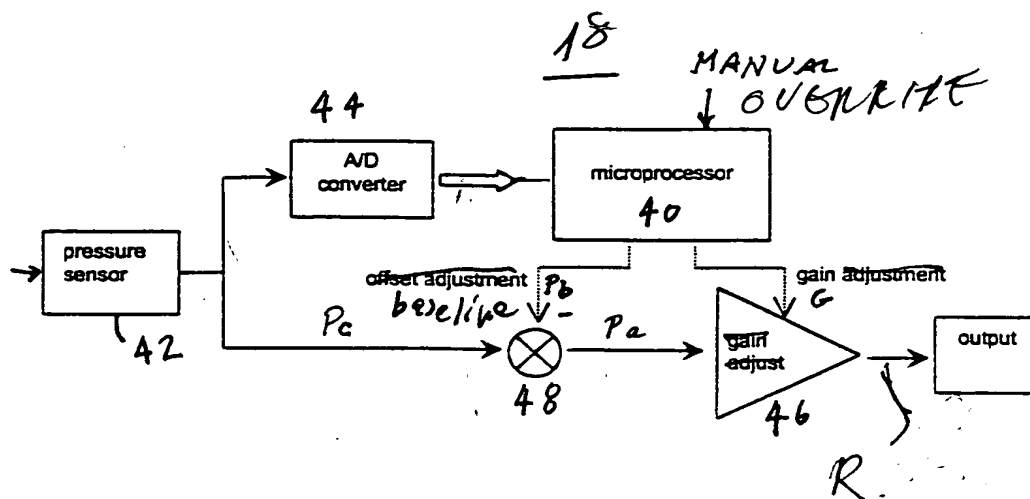


FIG. 2

09596730 061500

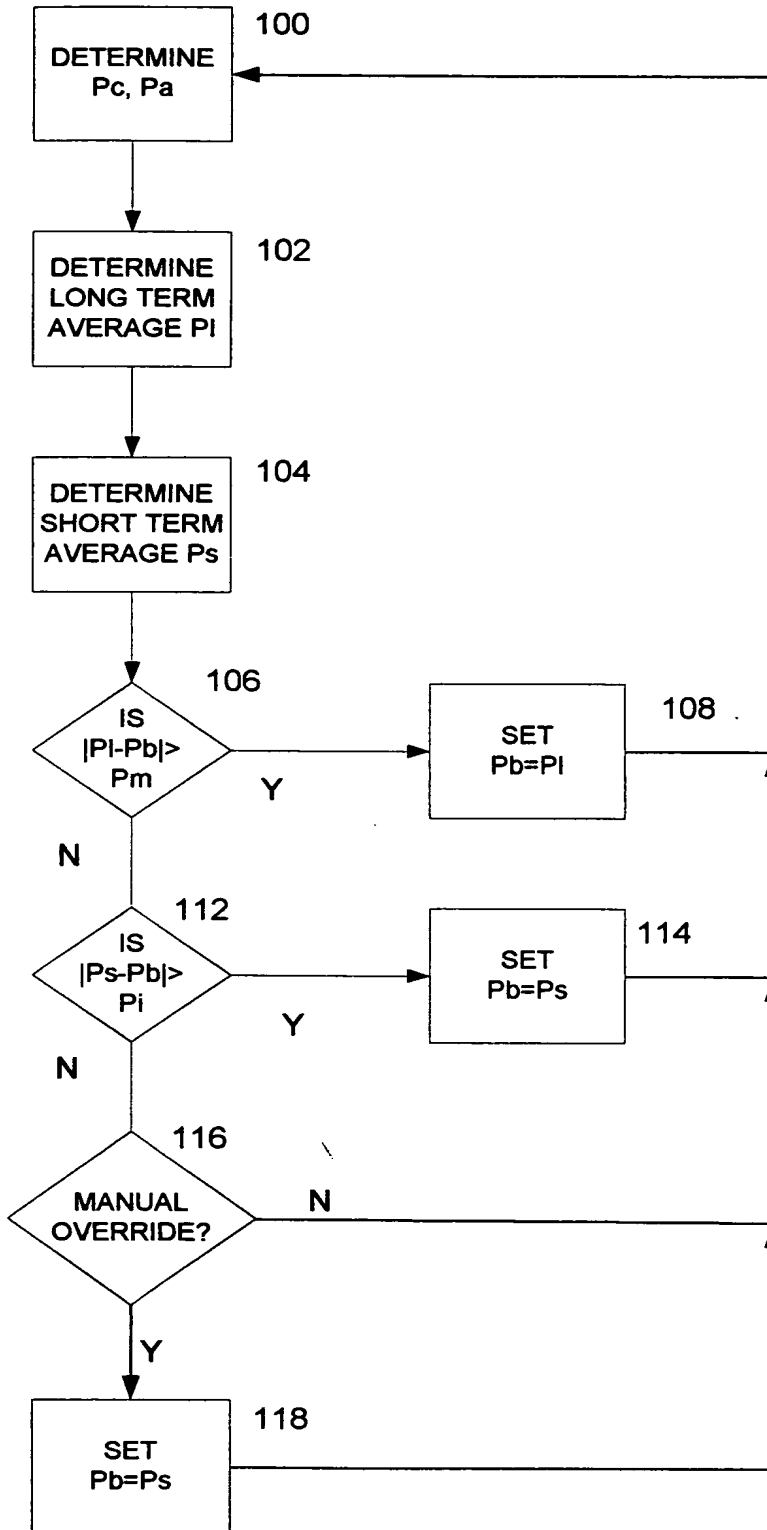


FIG. 3

Appendix 1: Example waveforms

Figure 2: Treatment pressure-ramp with Auto-Baseline disabled – as the treatment pressure increases, the signal eventually exceeds the available dynamic range.

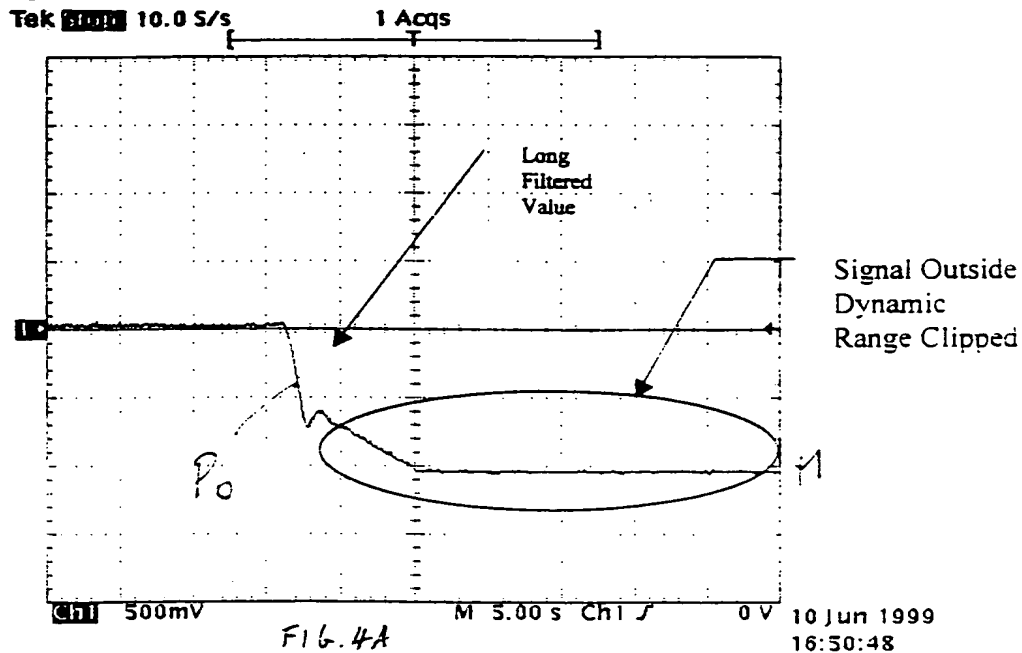
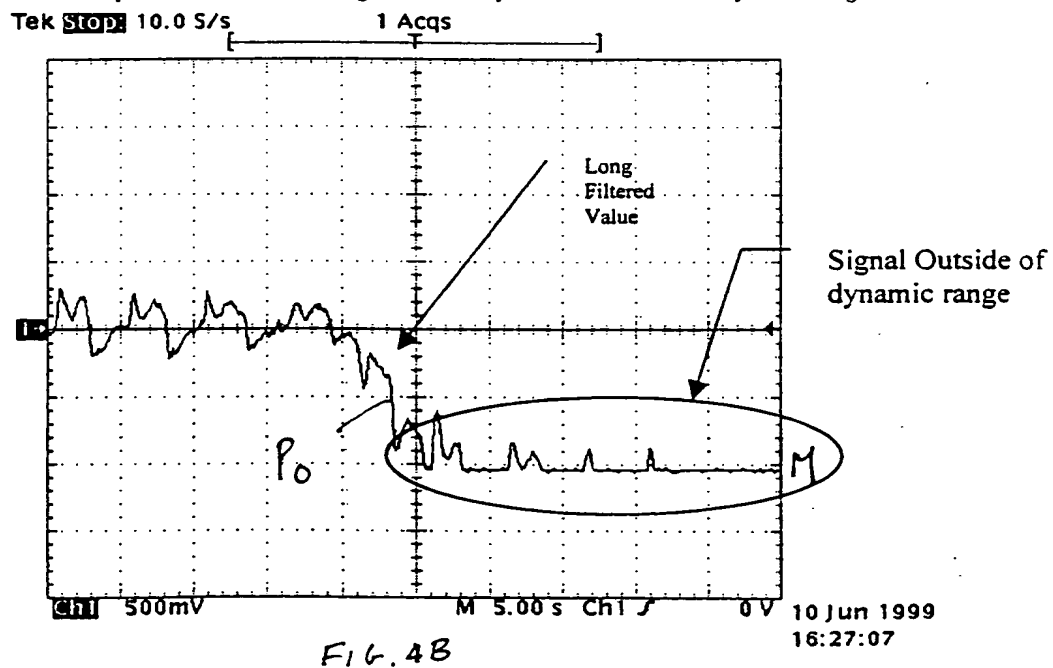


Figure 3: Treatment pressure-ramp with superimposed breath activity, Auto-Baseline disabled – as the treatment pressure increases, the signal eventually exceeds the available dynamic range.



009T90" 06/96560

Figure 4 Treatment pressure change with breath activity, Auto-Baseline enabled – the signal's baseline is automatically adjusted to keep the signal within the available dynamic range, using Component 2 of Table 1.

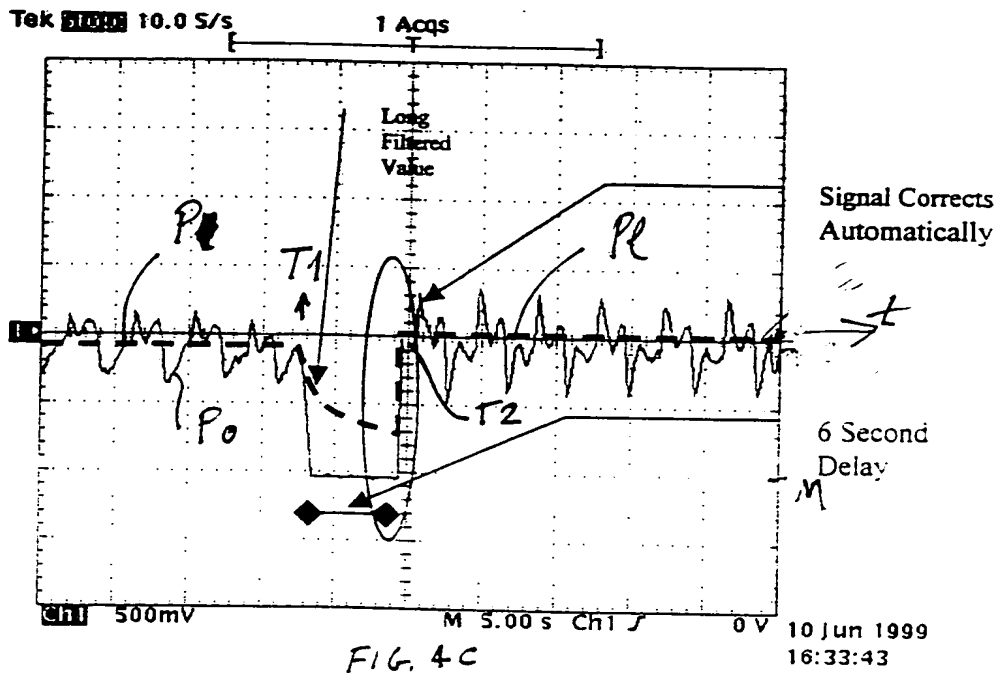
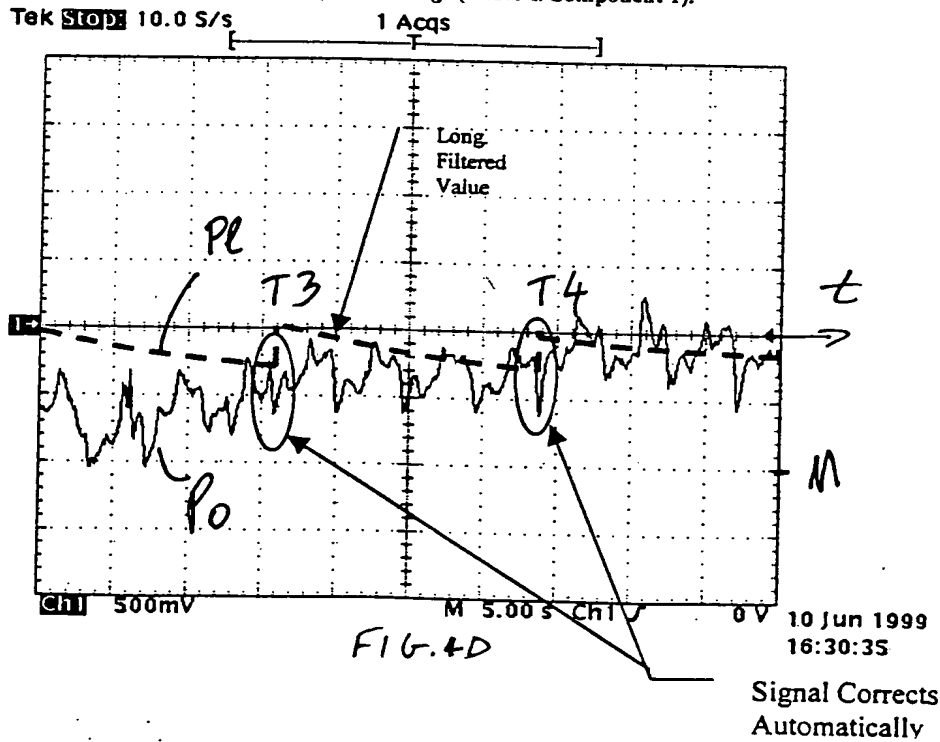


Figure 5 Gradual pressure change with Auto-Baseline enabled – minor automatic baseline corrections bring signal close to centre of dynamic range (Table 1/Component 1).



ResControl automatic baseline tracking

Figure 6 A rapid change in treatment pressure followed by gradual pressure change. Auto-Baseline enabled. Baseline is corrected initially by Table 1/Component 2 then Table 1/Component 1.

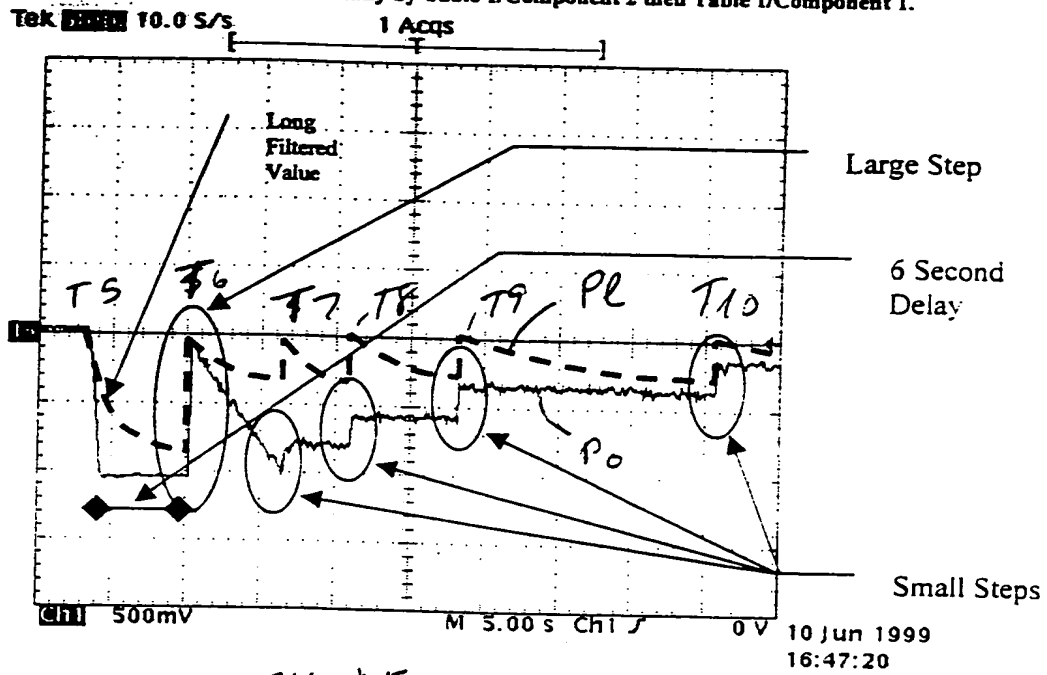


FIG. 4E

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